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Approved for use through 10/31/2002 OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53 (b))</small>		Attorney Docket No.	84910
		First Inventor	MARVIN L. RYKEN
		Title	REDUCED SIZE TM CYLINDRICAL SHAPED MICROSTRIP
		Express Mail Label No.	EF347574019US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification (Total Pages) **29**
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) (Total Sheets) **7**
5. Oath or Declaration (Total Pages) **2**
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation / divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63 (d) (2) and 1.33 (b)
6. Application Data Sheet. See 37 CFR 1.76

Assistant Commissioner for Patents
ADDRESS TO: Box Patent Application
Washington, D.C. 20231

7. CD-ROM or CF-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

18. If a CONTINUING APPLICATION check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)of prior application No.: **10 / 648,715**

Prior application information: Examiner Group/Art Unit

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior art application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			or <input checked="" type="checkbox"/> Correspondence address below
Name NAVAL AIR WARFARE CENTER WEAPONS DIVISION (CODE K00000E)				
Address 575 "I" AVENUE SUITE 1				
City POINT MUGU	State CA	Zip Code 93042-5049		
Country USA	Telephone (805) 989-8266	Fax (805) 989-1695		
Name (Print/Type) DAVID S. KALMBAUGH	Registration No. (Attorney/Agent) 29234			
Signature	Date September 19, 2003			

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.
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FEE TRANSMITTAL

for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 790.00)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	MARVIN L. RYKEN
Examiner Name	
Art Unit	
Attorney Docket No.	84910

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

 Deposit Account:

Deposit Account Number	50-0931
Deposit Account Name	NAWCWD-Pt Mugu/China Lake

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001	2001	750	375	Utility filing fee	750
1002	2002	330	165	Design filing fee	
1003	2003	520	260	Plant filing fee	
1004	2004	750	375	Reissue filing fee	
1005	2005	160	80	Provisional filing fee	
SUBTOTAL (1) (\$ 750.00)					

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
20	3		-20** = 0	x 18	= 0
			- 3** = 0	x 84	= 0
SUBTOTAL (2) (\$ 0.00)					

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity

Small Entity

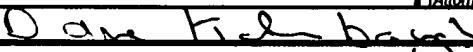
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051	130	2051 65 Surcharge - late filing fee or oath	
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet	
1053	130	1053 130 Non-English specification	
1812	2,520	1812 2,520 For filing a request for ex parte reexamination	
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
1251	110	2251 55 Extension for reply within first month	
1252	410	2252 205 Extension for reply within second month	
1253	830	2253 465 Extension for reply within third month	
1254	1,450	2254 725 Extension for reply within fourth month	
1255	1,970	2255 985 Extension for reply within fifth month	
1401	320	2401 160 Notice of Appeal	
1402	320	2402 160 Filing a brief in support of an appeal	
1403	280	2403 140 Request for oral hearing	
1451	1,510	1451 1,510 Petition to institute a public use proceeding	
1452	110	2452 55 Petition to revive - unavoidable	
1453	1,300	2453 650 Petition to revive - unintentional	
1501	1,300	2501 650 Utility issue fee (or reissue)	
1502	470	2502 235 Design issue fee	
1503	630	2503 315 Plant issue fee	
1460	130	1460 130 Petitions to the Commissioner	
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	
1806	180	1806 180 Submission of Information Disclosure Stmt	
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	40.00
1809	750	2809 375 Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810 375 For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801 375 Request for Continued Examination (RCE)	
1802	900	1802 900 Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

(Complete if applicable)

Name (Print/Type)	DAVID S. KALMBAUGH	Registration No. (Attorney/Agent)	29234	Telephone	805-989-8266
Signature			Date	SEPTEMBER 19, 2003	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

FORM 8-3 Express Mail Certificate

Navy Case No. **84910**

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Marvin L. Ryken

Application No.: Group No.:

Filed: Examiner:

For: REDUCED SIZE TM CYLINDRICAL SHAPED MICROSTIP ANTENNA ARRAY
HAVING A GPS BAND STOP FILTER

MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

EXPRESS MAIL CERTIFICATE

“Express Mail” label number EF347574019US

Date of Deposit SEPTEMBER 19, 2003

I hereby state that the following

Attached

Paper(s) or Fee(s):	Application Transmittal	1 Page
	Fee Transmittal (Orig. & Copy)	2 Pages
	Patent Application	29 Pages
	Drawings	7 Pages
	Declaration	2 Pages
	Recordation (Orig. & Copy)	2 Pages
	Assignment	1 Page
	Postcard	

Are being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service Under 37 C.F.R. 1.10, on the date indicated above and is addressed to BOX PATENT APPLICATION, ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON DC 20231

DAVID S. KALMBAUGH

Typed or printed name of person mailing paper or fee

David Kalmbaugh
Signature of person mailing paper or fee